



*2. Amended
Deposited
#1/a*

PATENT
Docket No. 427922000920

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Assistant Commissioner for Patents, Washington, D.C. 20231, on October 4, 2001.

Kerry Keehan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Mingqi ZHAO et al.

Serial No.: 09/939,327

Filing Date: August 24, 2001

For: MICROFLUIDIC CHIP HAVING
INTEGRATED ELECTRODES

Examiner: To Be Assigned

Group Art Unit: To Be Assigned

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to examination of the above-identified application, please enter the following amendments.

ATTACHMENT OF AMENDED CLAIMS SHOWING CHANGES

1: (AMENDED) A microfluidic device comprising:

a substrate having at least one channel and at least one [an] aperture in fluid communication with said channel;

a cover bonded to said substrate such that a reservoir is formed at said at least one aperture; and

an electrically conducting ink pattern on at least one of said substrate and cover such that when a material is present in said channel and reservoir said ink pattern makes electrical contact with said material.

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FOI 2009-0327-12104